

NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



Released: May 19, 2003
For Week Ending: May 18, 2003
ND-CW2003

Cooperating With:
NDSU EXTENSION SERVICE,
FARM SERVICE AGENCY,
ND AG WEATHER NETWORK (NDAWN) and
UND AEROSPACE REGIONAL WEATHER
INFORMATION CENTER

General: Precipitation late in the week stopped planting in most districts, according to the North Dakota Agricultural Statistics Service. The wet conditions are causing some producers to consider changing crops or preventive planting options. An average of 3.1 days were suitable for fieldwork across the state during the week.

Significant rainfall was received across much of the state last week. Topsoil moisture supplies as of May 18 were rated 1 percent very short, 3 short, 70 adequate and 26 surplus. Topsoil moisture supplies rated adequate to surplus increased 3 percentage points from the previous week's rating.

Crops: During the week, spring wheat seeding advanced to 68 percent complete. Forty-nine percent of the hard red spring wheat crop had emerged. Producers made progress last week planting durum wheat, barley and oats with 39 , 62 and 61 percent complete, respectively. Durum wheat and oats planting progress remains ahead of last year, but behind the five-year (1998-2002) average. Barley planted is ahead of last year and the five-year average.

As of May 18, 68 percent of the corn crop was planted, equal to last year, but ahead of the five-year average. Nineteen percent of the corn crop has emerged, ahead of last year, but behind the five-year average. The soybean crop was 18 percent planted, behind last year and the five-year average. Three percent of the soybeans had emerged, ahead of last year, but behind the five-year average. Forty-three percent of the potatoes were planted, behind last year and the five-year average. Ninety-one percent of the sugarbeets were planted and 46 percent had emerged. Canola, dry edible beans and flaxseed planting were behind last year and the five-year average. Sunflower planting remains ahead of last year, but behind the five-year average.

Livestock: Pasture and rangeland conditions were rated 4 percent very poor, 15 poor, 34 fair, 42 good and 5 excellent. Stockwater supplies were rated 2 percent very short, 8 short, 85 adequate and 5 surplus. Many producers were busy moving livestock to pastures and rangeland.

Crop Development Progress ^{1/}
May 18, 2003 with Comparisons

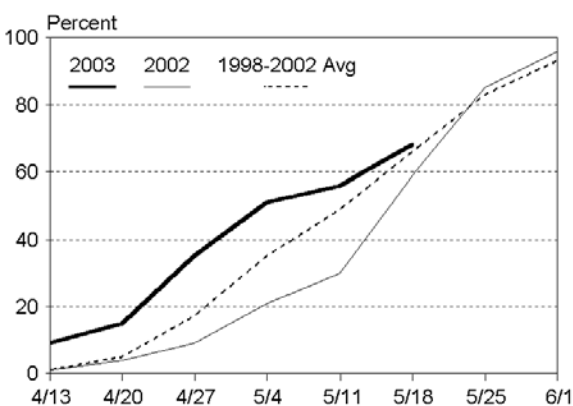
Crop	This Week	Last Week	Last Year	1998-02 Avg.
(Percent)				
BARLEY				
Planted	62	46	52	59
Emerged	38	25	8	31
DURUM WHEAT				
Planted	39	27	31	43
Emerged	20	14	4	20
HRS WHEAT				
Planted	68	56	59	66
Emerged	49	35	18	40
OATS				
Planted	61	49	60	66
Emerged	42	25	13	35
CANOLA				
Planted	58	36	63	64
Emerged	25	13	11	31
CORN				
Planted	68	58	68	64
Emerged	19	12	7	22
DRY EDIBLE BEANS				
Planted	4	1	6	14
FLAXSEED				
Planted	38	19	41	50
Emerged	9	5	5	17
POTATOES				
Planted	43	27	49	57
Emerged	10	5	4	7
SOYBEANS				
Planted	18	10	30	28
Emerged	3	1	0	5
SUGARBEETS				
Planted	91	84	78	82
Emerged	46	26	19	51
SUNFLOWER				
Planted	9	2	7	11

^{1/} Crop development percents represent all acreage in or beyond each stage.

Percent Planted by District
Week Ending May 18, 2003

Crop	NW	NC	NE	WC	C	EC	SW	SC	SE
(Percent)									
Barley	45	47	42	72	82	92	79	70	99
HRS Wheat	28	45	48	65	79	95	81	75	99
Canola	75	58	28	77	84	84	94	48	60
Corn	17	39	37	35	54	83	53	37	85

Hard Red Spring Wheat Planting Progress
North Dakota



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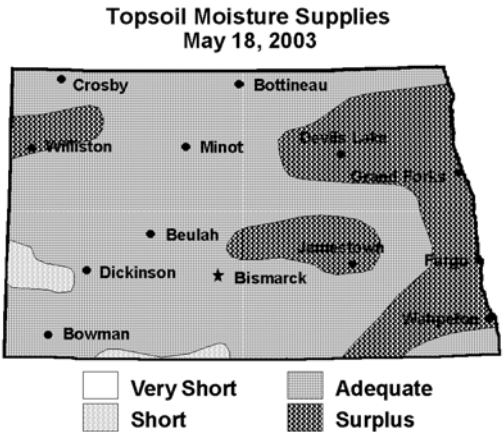
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NORTH DAKOTA CROP WEATHER REPORT, Week Ending May 18, 2003

Soil Moisture: North Dakota, May 18, 2003

Date	Very Short	Short	Adq.	Surplus
(Percent)				
TOPSOIL				
This Week	1	3	70	26
Last Week	2	5	75	18
Last Year	4	12	78	6
98-02 Avg	3	12	68	17
SUBSOIL				
This Week	4	13	67	16
Last Week	7	18	67	8
Last Year	5	20	70	5
98-02 Avg	3	13	69	15



Weather: Temperatures for the region were slightly below normal, with lows dipping slightly below freezing in some areas. Highs ranged from 67 to 76 degrees. Much of the state saw rain late in the week, allowing several locations to catch up to normal precipitation accumulations, while some are well above average. The most rain fell on Jamestown with 2.74 inches. Bowbells was the driest with no precipitation.

Outlook, May 19-25: The west will start the week off with temperatures in the 60s through midweek and warming into the low to mid-70s Thursday through the weekend. Central North Dakota's highs will be in the upper 50s Monday warming to mid-to-upper 60s Tuesday through Thursday, the low 70s Friday through the weekend. High temperatures will be in the 50s Monday then low to mid-60s Tuesday into Wednesday and warming into the 70s Thursday through Sunday for the eastern part of the state. Expect low temperatures across the state to dip into the 30s Monday night then staying fairly mild with 40s early and 50s late in the week. Central and western North Dakota might see a shower or two on Monday afternoon, but expect to see dry conditions the remainder of the week. Eastern North Dakota has a chance for showers midweek. They might also see a thunderstorm Saturday evening.

Temperature & Precipitation: Districts and Stations
North Dakota, Week ending May 18, 2003

District Averages	Average Temperature		Seasonal Precipitation Beginning March 29		
	Past Week	Depart Normal ^{1/}	Past Week	Total	Depart Normal ^{1/}
(Degrees F) (Inches)					
Northwest (1)	53	-1	0.24	2.43	-0.37
N. Central (2)	51	-4	0.91	2.46	-0.46
Northeast (3)	54	-2	1.38	3.16	0.66
W. Central (4)	51	-5	1.19	3.70	0.62
Central (5)	51	-5	1.83	5.20	2.34
E. Central (6)	54	-3	1.36	4.64	1.64
Southwest (7)	52	-3	0.45	3.28	0.14
S. Central (8)	52	-5	1.59	4.26	1.14
Southeast (9)	55	-2	1.31	5.74	2.69

^{1/} Normal is the 1961-90 average. NA = Not Available.
Weather data collected from NDAWN stations and compiled by UND
Aerospace Regional Weather Information Center.

Temperature & Precipitation: Districts and Stations
North Dakota, Week ending May 18, 2003

Stations by District	Temperature Past Week		Seasonal Precipitation Beginning March 29		
	High	Low	Past Week	Total	Depart Normal ^{1/}
(Degrees F) (Inches)					
(1) Bowbells	73	32	0.00	2.18	-0.46
Williston	75	36	0.46	3.20	0.81
Mohall	73	31	0.04	3.01	0.19
Minot	72	33	0.44	1.32	-2.01
(2) Baker	71	35	1.33	3.06	-0.20
Bottineau	74	26	0.50	2.09	-0.72
Towner	75	25	0.91	2.23	-0.45
(3) Cando	72	30	1.28	2.84	0.43
Cavalier	75	33	1.73	3.04	0.42
Forest River	75	36	1.17	3.16	0.51
Grand Forks	73	33	1.01	3.57	1.18
Langdon	73	32	1.63	2.94	0.68
St. Thomas	75	36	1.47	3.40	0.75
(4) Hazen	70	27	1.71	3.98	0.51
Turtle Lake	69	35	1.41	4.42	1.37
Watford City	73	35	0.46	2.71	-0.02
(5) Carrington	70	32	1.56	4.04	1.15
Harvey	70	31	1.25	3.81	0.97
Jamestown	70	34	2.74	7.47	4.96
Robinson	68	34	2.07	5.68	2.78
Streeter	67	31	1.54	5.02	1.82
(6) Dazey	69	32	1.72	4.73	1.85
Fargo	75	35	0.85	4.57	1.46
Hillsboro	75	36	1.50	4.61	1.62
(7) Beach	73	35	0.49	3.14	0.42
Bowman	70	33	0.36	3.35	0.42
Dickinson	72	32	0.42	3.14	-0.22
Hettinger	67	31	0.51	3.49	-0.07
(8) Mandan	69	33	2.32	5.08	2.18
Linton	70	36	0.85	3.44	0.09
(9) Edgeley	72	35	1.62	6.57	3.37
Oakes	76	36	1.34	6.33	3.08
Wyndmere	76	36	0.98	4.33	1.63

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